CLAIMS

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1. Crystalline Compound I, which compound has the formula

- 5 2. A crystalline form of Compound I, wherein Compound I has the formula defined in claim 1.
 - 3. The crystalline form of claim 2, characterized by one or more of:
 - (i) the X-Ray powder diffractogram shown in Figure 1 as measured using CuKα radiation;
 - (ii) reflections in the X-Ray powder diffractogram as measured using CuKα radiation at 2-theta angles: 5.2, 10.1, 10.4, 13.2, 15.1, 25.1;
 - (iii) the solid state Carbon-13 NMR spectrum shown in Figure 7;
 - (iv) the NIR reflectance spectrum shown in Figure 10.
 - 4. The crystalline form of claim 2, characterized by reflections in the X-Ray powder diffractogram as measured using CuKα radiation at 2-theta angles: 5.2, 10.1, 10.4, 13.2, 15.1, 25.1.
 - 5. The crystalline form of claim 2, characterized by reflections in the X-Ray powder diffractogram as measured using CuKα radiation at 2-theta angles: 5.2, 7.3, 8.1, 10.1, 10.4, 11.2, 13.2, 15.1, 15.5, 17.3, 21.7, 23.8, 25.1.
- 6. The crystalline form of claim 2, characterized by having a crystal structure with the following characteristics at 122 K: Space group: $P2_12_12_1$, Unit cell dimensions: a = 10.227(2) Å, b = 23.942(2) Å and c = 24.240(2) Å, $\alpha = 90^{\circ}$, $\beta = 90^{\circ}$, $\gamma = 90^{\circ}$, 2 molecules in the asymmetric unit.
 - 7. The crystalline form of claim 2, characterized by one or more of:
 - (i) the X-Ray powder diffractogram shown in Figure 2 as measured using CuKα radiation;
- 25 (ii) reflections in the X-Ray powder diffractogram as measured using CuKα radiation at 2-theta angles: 6.6, 8.9, 10.7, 11.7, 24.4, 30.6;
 - (iii) the solid state Carbon-13 NMR spectrum shown in Figure 8;

- (iv) the NIR reflectance spectrum shown in Figure 11.
- 8. The crystalline form of claim 2, characterized by reflections in the X-Ray powder diffractogram as measured using CuKα radiation at 2-theta angles: 6.6, 8.9, 10.7, 11.7, 24.4, 30.6.
- 5 9. The crystalline form of claim 2, characterized by reflections in the X-Ray powder diffractogram as measured using CuKα radiation at 2-theta angles: 6.6, 8.9, 10.7, 11.4, 11.7, 13.7, 17.0, 18.5, 18.8, 19.2, 20.3, 24.4, 30.6.
 - 10. The crystalline form of claim 2, characterized by one or more of:
 - (i) the X-Ray powder diffractogram shown in Figure 3 as measured using CuKα radiation;
- 10 (ii) reflections in the X-Ray powder diffractogram as measured using CuKα radiation at 2-theta angles: 9.6, 11.5, 12.5, 16.7, 19.3, 28.1;
 - (iii) the solid st ate Carbon-13 NMR spectrum shown in Figure 9;
 - (iv) the NIR reflectance spectrum shown in Figure 12.
- 11. The crystalline form of claim 2, characterized by reflections in the X-Ray powder
 15 diffractogram as measured using CuKα radiation at 2-theta angles: 9.6, 11.5, 12.5, 16.7,
 19.3, 28.1.
 - 12. The crystalline form of claim 2, characterized by reflections in the X-Ray powder diffractogram as measured using CuKα radiation at 2-theta angles: 7.5, 8.3, 9.6, 11.5, 11.8, 12.5, 15.9, 16.3, 16.7, 17.2, 18.0, 19.3, 21.0, 28.1.
- 20 **13.** The crystalline form of claim 2, characterized by the X-Ray powder diffractogram shown in Figure 13 as measured using CuKα radiation.
 - 14. The crystalline form of claim 2, characterized by reflections in the X-Ray powder diffractogram as measured using CuK α radiation at 2-theta angles: 9.7, 12.1, 16.1, 18.3, 22.1, 22.2, 25.7, 25.8.
- 25 **15.** The crystalline form of claim 2, characterized by reflections in the X-Ray powder diffractogram as measured using CuKα radiation at 2-theta angles: 7.3, 8.3, 9.7, 11.1, 11.7, 12.1, 15.6, 16.1, 17.3, 18.3, 20.9, 22.1, 22.2, 25.7, 25.8.
 - **16.** The cr ystalline form of claim 2, characterized by the X-Ray powder diffractogram shown in Figure 15 as measured using CuKα radiation.
- 30 17. The crystalline form of claim 2, characterized by reflections in the X-Ray powder diffractogram as measured using CuKα radiation at 2-theta angles: 8.9, 9.2, 10.2, 14.6.

- 18. The crystalline form of claim 2, characterized by reflections in the X-Ray powder diffractogram as measured using CuKα radiation at 2-theta angles: 8.9, 9.2, 10.2, 12.6, 14.2, 14.6, 17.0, 18.6, 20.4, 21.1, 23.9, 25.2.
- 19. The crystalline form of any of claims 2-18, which is substantially pure.
- 5 **20**. Solid Compound I containing crystalline Compound I alpha form, wherein Compound I has the formula defined in claim 1.
 - 21. The solid of claim 20 consisting mainly of said alpha form.
 - 22. The solid of claim 20 or 21, wherein said alpha form is as defined in any of claims 3-6.
- 23. Solid Compound I containing crystalline Compound I beta form, wherein Compound I has the formula defined in claim 1.
 - 24. The solid of claim 23 consisting mainly of said beta form.
 - 25. The solid of claim 23 or 24, wherein said beta form is as defined in any of claims 7-9.
- 15 **26**. Solid Compound I containing crystalline Compound I gamma form, wherein Compound I has the formula defined in claim 1.
 - 27. The solid of claim 26 consisting mainly of said gamma form.
 - **28**. The solid of claim 26 or 27, wherein said gamma form is as defined in any of claims 10-12
- 20 **29**. Solid Compound I containing crystalline Compound I delta form, wherein Compound I has the formula defined in claim 1.
 - **30**. The solid of claim 29 consisting mainly of said delta form.
 - **31**. The solid of claim 29 or 30, wherein said delta form is as defined in any of claims 13-15.
- 25 **32**. Solid Compound I containing crystalline Compound I epsilon form, wherein Compound I has the formula defined in claim 1.
 - 33. The solid of claim 32 consisting mainly of said epsilon form.
 - 34. The solid of claim 32 or 33, wherein said form is as defined in any of claims 16-18.
 - 35. A method for preparing crystalline Compound I, characterised in that said
- crystalline Compound I is formed in a solvent of methanol with 0% to about 8% water, wherein Compound I has the formula defined in claim 1.
 - **36.** The method of claim 35, comprising crystallizing by precipitation Compound I from the solvent and separating the solvent form the obtained crystalline Compound I.

- 37. The method of claim 35 or 36, wherein said crystalline Compound I is as defined in any of claims 2-6.
- 38. Crystalline Compound I obtainable by the method of claim 35 or 36.

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- 39. A method for the manufacturing of Compound I, which method comprises a step wherein Compound I is converted to crystalline Compound I, wherein Compound I has the formula defined in claim 1.
- 40. The method of claim 39, comprising precipitation Compound I in crystalline form from a solvent and separating the solvent from the obtained crystalline Compound I.
- 41. The method of claim 39 or 40, wherein said crystalline Compound I is as defined in any one of claims 2-18.
 - 42. The method of claim 39 wherein said crystalline Compound I is obtained according to the method of any of claims 35-37.
 - 43. The method of any of claims 39-42, further comprising making a pharmaceutical composition comprising Compound I.
- 15 **44**. A method for the manufacturing of a pharmaceutical composition of Compound I which method comprises preparing said composition from crystalline Compound I, wherein Compound I has the formula defined in claim 1.
 - **45**. The method of claim 44, wherein said crystalline Compound I is as defined in any of claims 2-19.
- 20 **46**. The method of claim 44 or 45, wherein said pharmaceutical composition is a solid dispersion or solid solution formulation.
 - **47**. A pharmaceutical composition comprising an effective amount of crystalline Compound I of any of claims 1-19.
 - **48**. Use of crystalline Compound I of any of claims 1-19 in the preparation of a medicament for the treatment of a CNS disease
 - 49. Use according to claim 47, wherein said CNS disease is a neurodegenerative disease.
 - **50**. Use according to claim 48, wherein said disease is selected from the group consisting of Parkinson's disease, Alzheimer's disease, Huntington's disease, peripheral neuropathy, or AIDS dementia.
- 30 **51.** Use of crystalline Compound I of any of claims 1-19 in the preparation of a medicament for the treatment of Parkinson's disease.

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52. A method of treating a neurodegenerative disease comprising administering a pharmaceutically effective amount of crystalline Compound I according to any of claims 1-18.

- 53. The method of claim 52, wherein the disease is selected from the group consisting of
 5 Parkinson's disease, Alzheimer's disease, Huntington's disease, peripheral neuropathy,
 AIDS dementia.
 - **54.** A method of treating Parkinson's disease comprising administering a pharmaceutically effective amount of crystalline Compound I according to any of claims 1-18.

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